

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"5757920".pn. or "6189098".pn. or "5956404".pn. or "6230269".pn. or "6591364".pn.	USPAT	OR	OFF	2004/04/18 15:54
S2	1	"5926549".pn.	USPAT	OR	OFF	2004/04/14 18:01
S3	187	713/170.ccls.	USPAT	OR	OFF	2004/04/14 18:02
S4	6	713/170.ccls. and "HMAC"	USPAT	OR	OFF	2004/04/14 22:03
S5	206	713/171.ccls.	USPAT	OR	OFF	2004/04/14 19:56
S6	121	380/259.ccls.	USPAT	OR	OFF	2006/12/08 17:21
S7	59	380/259.ccls. and (key near10 (time or temporal or valid\$8))	USPAT	OR	OFF	2004/04/14 19:56
S8	26	380/259.ccls. and (key near10 (time or temporal or valid\$8)) and hash\$8	USPAT	OR	OFF	2004/04/14 20:53
S9	146	380/281.ccls.	USPAT	OR	OFF	2006/12/08 17:22
S10	62	380/284.ccls. .	USPAT	OR	OFF	2006/12/08 17:24
S11	159	380/283.ccls.	USPAT	OR	OFF	2006/12/08 17:24
S12	1	key and (data near10 "temporal validity")	USPAT	OR	OFF	2004/04/14 20:55
S13	210	key near10 "time stamp"	USPAT	OR	OFF	2004/04/14 20:56
S14	79	key near10 "time stamp" and hash	USPAT	OR	OFF	2004/04/14 21:30
S15	8	"data authentication".ti.	USPAT	OR	OFF	2004/04/14 21:31
S16	8	"data authentication".ti. and key	USPAT	OR	OFF	2004/04/14 21:31
S17	2	"data authentication".ti. and (key near2 (time\$2 or temporal or valid\$8))	USPAT	OR	OFF	2004/04/14 21:32
S18	12014	(key near2 (time\$2 or temporal or valid\$8))	USPAT	OR	OFF	2004/04/14 21:57
S19	1	(key near2 (time\$2 or temporal or valid\$8)) and ("message authentication".ti.)	USPAT	OR	OFF	2004/04/14 21:33
S20	96	(key near2 (time\$2 or temporal or valid\$8)) and authentication.ti.	USPAT	OR	OFF	2004/04/14 21:57
S21	41	(key near2 (time\$2 or temporal or valid\$8)) and authentication.ti. and hash\$8	USPAT	OR	OFF	2005/08/11 13:46
S22	12	("session key" or "login key") with "time stamp"	USPAT	OR	OFF	2004/04/14 22:04
S23	85	key same ("universal time" or "UT")	USPAT	OR	OFF	2004/04/15 12:29
S24	551	key same ("time stamp")	USPAT	OR	OFF	2004/04/15 12:29
S25	34	key same ("time") same "validity period"	USPAT	OR	OFF	2004/04/15 12:30

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S26	73	key same ("time") same "validity period"	US-PGPUB; USPAT	OR	OFF	2004/04/15 12:50
S27	87	"key validity"	US-PGPUB; USPAT	OR	OFF	2004/04/15 12:50
S28	0	"temporal key validity"	US-PGPUB; USPAT	OR	OFF	2004/04/15 12:51
S29	20	"temporal key"	US-PGPUB; USPAT	OR	OFF	2004/04/15 12:51
S30	699	video adj game.ti.	USPAT	OR	OFF	2005/08/11 13:42
S31	28	video adj game.ti. and (semiconductor with storage)	USPAT	OR	OFF	2005/08/11 11:00
S32	452	(keyed adj hash\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 13:43
S33	4	(keyed adj hash\$4) same (key) same (time adj stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 13:43
S34	4	(keyed adj hash\$4) same (key) same (time adj stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 13:43
S35	180	(key near2 (time\$2 or temporal or valid\$8)) and authentication.ti. and hash\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 13:50
S36	10	(key near2 (time\$2 or temporal or valid\$8)) and message with authentication.ti. and hash\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 17:36
S37	125	(key\$3 with (time adj stamp\$2)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 18:11

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S38	0	(key\$3 with (time adj stamp\$2)).ab. and (hmac)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 17:37
S39	0	(key\$3 with (time adj stamp\$2)).ab. and (hmac)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 17:37
S40	2209	(check\$4 compar\$6 verif\$6 collat\$4) with (HMAC hash digest) with (key\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:12
S41	215	S40 and (check\$4 compar\$6 verif\$6 collat\$4) with (temporal expiration (time adj stamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:55
S42	36	S40 and (check\$4 compar\$6 verif\$6 collat\$4) with (temporal expiration (time adj stamp)) and (authentication adj key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:22
S43	20	S40 and (check\$4 compar\$6 verif\$6 collat\$4) with (temporal expiration (time adj stamp)) and ((client\$2 originator\$2) with (check\$4 compar\$6 verif\$6 collat\$4) with (temporal expiration (time adj stamp)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:23
S44	2209	(check\$4 compar\$6 verif\$6 collat\$4) with (HMAC hash digest) with (key\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:56
S45	215	S44 and (check\$4 compar\$6 verif\$6 collat\$4) with (temporal expiration (time adj stamp)) and (hash\$2 digest\$2 signature\$2 HMAC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 13:04

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S46	8	S44 and (check\$4 compar\$6 verif\$6 collat\$4) with (temporal expiration (time adj stamp)) and (hash\$2 digest\$2 signature\$2 HMAC) and ((client originator) with (verif\$3 compar\$4 collat\$4 authenticat\$4) with (key) with ((time adj stamp) (temporal) expiration\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 13:35
S47	0	login\$3 with authentication\$2 near20 (time adj stamp) and ((session adj key) with (time adj stamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 13:37
S48	54	((session adj key) with (time adj stamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 16:29
S50	1	((key) with (time adj stamp)) and (login\$2) and ((acknowledgement adj key) with (time adj stamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 16:31
S51	1	((key) with (time adj stamp)) and (login\$2) and ((acknowledgement near20 key) with (time adj stamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 16:32
S52	113	((key) with (time adj stamp)) and (login\$2) and ((key) with (time adj stamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 16:32
S53	4	((key) with (time adj stamp)) and (login\$2) same ((key) with (time adj stamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 16:37
S54	1	"5960204".pn.	US-PGPUB; USPAT	OR	OFF	2005/08/12 17:36
S55	1	"6865737".pn.	US-PGPUB; USPAT	OR	OFF	2005/08/12 17:37
S56	96	(time adj stamp).ti.	US-PGPUB; USPAT	OR	OFF	2005/08/12 17:37
S57	21	client with (check verify) with (time adj stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 17:53

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S58	3	(check verify) with (time adj stamp).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 17:55
S59	228	(client originator sender\$2) with (check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 17:57
S60	6	(client originator sender\$2) with (check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal).ab.	USPAT	OR	OFF	2005/08/19 17:58
S61	1	(client originator sender\$2) adj (check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal).ab.	USPAT	OR	OFF	2005/08/19 17:58
S62	20	(client originator sender\$2) adj (check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:01
S63	1	(client originator sender\$2) adj (check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal) with ((session acknowledgement) adj key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:02
S64	49	(check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal) with ((session acknowledgement) adj key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:28
S65	1593	(check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal) with (key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:28
S66	9	(check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal) with (key) and ("client checks" "client verifies")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:29
S67	1	(check\$4 valid\$5 verif\$4 authentikat\$5) with ((time adj stamp) date expiration\$4 temporal) with (key) same ("client checks" "client verifies")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:29

## EAST Search History

S68	4	(check\$4 valid\$5 verif\$4 authenticat\$5) with ((time adj stamp) date expiration\$4 temporal) with (key) same ("client checks" "client verifies" "originator checks" "originator verifies" "terminal checks" "terminal verifies")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:30
S69	4	((time adj stamp) date expiration\$4 temporal) with (key) with ("client checks" "client verifies" "originator checks" "originator verifies" "terminal checks" "terminal verifies")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:38
S70	19	kerberos.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:38
S71	0	kerberos.ti. and (time adj stamp).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:38
S72	160	713/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/19 18:39
S73	112	713/178.ccls.	USPAT	OR	OFF	2005/08/19 18:40
S74	10	713/178.ccls. and acknowledgement\$2	USPAT	OR	OFF	2005/08/19 18:41
S75	0	713/178.ccls. and acknowledgement\$2 with (time adj stamp\$2)	USPAT	OR	OFF	2005/08/19 18:41
S76	32	713/178.ccls. and key\$2 with (time adj stamp\$2)	USPAT	OR	OFF	2005/08/20 12:26
S77	0	(time adj stamp) with (digital adj signature) with (verify).ab.	USPAT	OR	OFF	2005/08/20 12:27
S78	7	(time adj stamp) with (digital adj signature) with (verify)	USPAT	OR	OFF	2005/08/20 12:27

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S79	27	(US-20010002485-\$ or US-20010002929-\$ or US-20020156965-\$ or US-20030210789-\$ or US-20040103275-\$).did. or (US-5200999-\$ or US-5737419-\$ or US-5757920-\$ or US-5923756-\$ or US-5956404-\$ or US-5999711-\$ or US-6141750-\$ or US-6189098-\$ or US-6198824-\$ or US-6230269-\$ or US-6233565-\$ or US-6237095-\$ or US-6363365-\$ or US-6367013-\$ or US-6381696-\$ or US-6393566-\$ or US-6442691-\$ or US-6571334-\$ or US-6591364-\$ or US-6742119-\$).did. or (US-20040249817-\$ or WO-2005029762-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/08/20 12:30
S80	17	S79 and (time adj stamp)	USPAT	OR	OFF	2005/08/20 12:37
S81	2	(client\$2 user\$2) with (validat\$3) with (certificate\$2) with (time adj stamp)	USPAT	OR	OFF	2005/08/20 12:37
S82	2	"5757920".pn. "5781629".pn.	USPAT	OR	OFF	2006/03/07 13:42
S84	28	(US-20020156965-\$ or US-20040103275-\$ or US-20010002929-\$ or US-20030210789-\$ or US-20010002485-\$).did. or (US-6442691-\$ or US-5737419-\$ or US-6189098-\$ or US-6237095-\$ or US-5999711-\$ or US-5757920-\$ or US-6591364-\$ or US-6381696-\$ or US-6393566-\$ or US-5923756-\$ or US-5200999-\$ or US-5956404-\$ or US-6742119-\$ or US-6198824-\$ or US-5781629-\$ or US-6233565-\$ or US-6367013-\$ or US-6571334-\$ or US-6141750-\$ or US-6363365-\$ or US-6230269-\$).did. or (US-20040249817-\$ or WO-2005029762-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/11/25 16:41
S85	19	S84 and (hash\$4)	USPAT	OR	ON	2006/11/25 16:44
S86	24	S84 and (hash\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 16:51

## EAST Search History

S87	3	message adj authentication.ti. and "keyed hashing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 16:53
S88	2	"5926549".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 16:53
S89	394	713/170.ccls.	USPAT	OR	OFF	2006/12/08 17:20
S90	651	713/170.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 19:26
S91	217	380/259.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:21
S92	261	380/281.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:22
S93	137	380/284.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:24
S94	246	380/283.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:24
S95	262	(client originator sender\$2) with (check\$4 valid\$5 verif\$4 authenticat\$5) with ((time adj stamp) date expiration\$4 temporal).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/08 17:25



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S96	215	713/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/08 17:25
S97	38	713/178.ccls. and key\$2 with (time adj stamp\$2)	USPAT	OR	OFF	2006/12/08 17:26
S98	55	713/178.ccls. and key\$2 with (time adj stamp\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:26
S99	43	client with (check verify) with (time adj stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/08 17:26
S10 0	1	713/170.ccls. and (login) with (time temporal).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 19:27
S10 1	169	(login) with (time temporal).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 19:27
S10 2	15	(login) with (time temporal) with key. clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 19:29
S10 3	649	713/171.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 19:29